

Agency: University of Alaska**Project Title:**

UAF Tanana Valley Campus

State Funding Requested: \$ 8,000,000**House District: 9 - E**

Future Funding May Be Requested

Brief Project Description:

Replaces the aged, mechanical and electrical systems within the old Fairbanks Courthouse, upgrades the exterior envelope, completes seismic corrections, and revitalizes the interior space. This is a Fairbanks area-wide request.

Funding Plan:**Total Cost of Project: \$18,000,000**

	<u>Funding Secured</u>		<u>Other Pending Requests</u>		<u>Anticipated Future Need</u>	
	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>
State Funds	\$4,000,000	07			\$6,000,000	10
Total	\$4,000,000				\$6,000,000	

Detailed Project Description and Justification:

This project is a priority of the Board of Regents and is a Fairbanks area-wide request. The Governor's amended budget will provide four of the eight million dollars needed for this phase of the project.

Tanana Valley Campus' 604 Barnette Street facility is in critical need of major system upgrades to ensure the reliable, safe and efficient delivery of programs focused on key Alaska industries. Specifically, the current insulation is rated R-4, which is very low for arctic conditions, resulting in high energy costs.

The facility at 604 Barnette will provide approximately 60,000 square feet of useable space for TVC, allowing TVC to develop a true campus presence in the downtown Fairbanks area. The facility will furnish enough space for TVC's current growth, consolidation of its operations, and enhance student and community support activities. TVC is the leader in training today's Alaskans for tomorrow's industries.

The FY09 request will improve the insulation value of the exterior wall by replacing the windows and the insulating panel system as well as improve some interior heating and ventilation infrastructure. This work will increase user comfort and reduce annual operating cost through major energy (heat) savings. The current exterior wall system is leaky and has very little insulating value.

Out year funding will be required to complete the phased renovation plan and provide critical program space revitalization for TVC.

The facility consists of approximately 80,000 gross square feet and 60,000 square feet of usable space within 4 stories. This overall phased project will replace aged mechanical and electrical systems to include: replace mechanical equipment at

penthouse, replace supply ducts, new controls, replace exhaust fans, allowance for plumbing modifications, install new electrical service, install new lighting, replace telephone system, replace the fire alarm system, and install new computer network. The project will also complete seismic corrections and increase the insulating value of the exterior cladding.

Project Timeline:

Work included in the \$8 Million FY09 funding, could be completed by fall 2010.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

University of Alaska

Grant Recipient Contact Information:

Contact Name: Jim Johnsen, Vice President of Administration

Phone Number: 907-450-8025

Address: University of Alaska

P.O. Box 755000 Fairbanks, AK 99775-5000

Email: jim.johnsen@alaska.edu

Funds for this project are located in the Governor's FY09 Budget:

\$4,000,000 out of \$19,587,419 UA appropriation (UA-Fairbanks and Tanana Valley Campus Annual Capital Renewal and Renovation Requirement.)

Has this project been through a public review process at the local level and is it a community priority? ☒ Yes ☐ No



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EDUCATION

UA Board of Regent's Capital Budget Priority: BIOS

The UA's Biological Science curriculum continues to be in high demand. Classroom and lab space are approaching 50 years old, well past their functional prime. Research and teaching functions are located in separate buildings significantly impacting synergy. Merging these activities under one roof is not only logical, it's a practical necessity. The Board of Regents is obligated to consider all of the University's statewide needs – in this regard, BIOS continues to be the number one priority. Comprehensive funding might best be accomplished through use of the State's general obligation bonding authority.

Tanana Valley Campus Energy Efficiency Upgrades

The TVC building dates to the early 1960s. Upgrades to the mechanical, electrical and heating systems, as well as the exterior envelope, are needed to achieve necessary energy efficiencies. TVC focuses on community driven education with a special emphasis on workforce development in high-demand jobs. This renovation will fulfill a major UA commitment to career and technical educational opportunities for Interior Alaska.

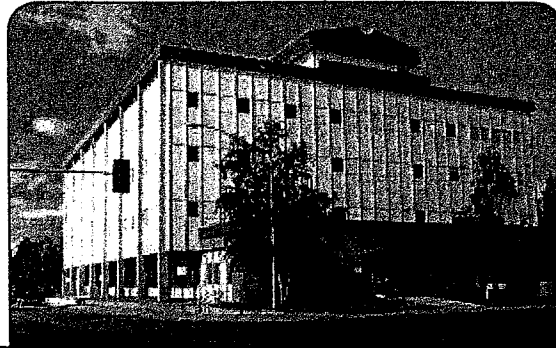
Department of Labor Career Academies

High school career academies serve a vital role in helping to prepare our young adults to meet exceptional opportunities which lie ahead. Career academies bring students to various work sites giving them firsthand experience. They promote extended job-shadowing, career speakers, junior achievement programs and other workforce development initiatives. Funding of DOL's efforts in this regard constitutes a necessary and responsible investment in the state's economic future.

UA Board of Regent's FY09 Operating Budget

The University of Alaska serves two core roles: First and foremost, it feeds our state's need for a skilled workforce. Secondly, it engages in world class research. The UA's leadership in Arctic studies is not only pertinent, it's expected. What's more, it's a winner – for every \$1 the State chips in, \$4 enters our economy via external sources. The UA's operating budget seeks to support these two vital roles.

University of Alaska Fairbanks
UA Regents' FY09 Capital Funding Request



Project: Tanana Valley Campus Center Improvements-Phase 2
604 Barnette Street, Fairbanks

FY09 Project Request: \$8 million

- FY 09 funding will focus on core infrastructure with potential for program space renovation. The project would include Exterior Envelope Renovation, Civil Site Improvements, Interior Mechanical and Electrical upgrades, Interior Hydronic Heating, Interior Direct Digital Controls, and approximately 3000 square feet of renovated program space.

Project Justification:

- The overall project replaces the aged mechanical and electrical systems within Tanana Valley Campus Center (TVCC—the old Fairbanks Courthouse), upgrades the exterior envelope, and completes seismic corrections. It revitalizes interior spaces to meet TVC's rapidly expanding programs preparing students for high demand jobs.
- TVCC Phase 1 renovations (\$4M) are now underway (scheduled February-August 2008). They include replacement of the main ventilation fan and primary distribution components on four floors. They also include replacement of electrical power MDP and transformer relocation /replacement.
- Improvements to the building's exterior are expected to reduce overall operating costs through greater heating and cooling efficiencies.
- TVCC's completion will be a major step in fulfilling UAF's and UA's commitment to career and technical education for both Interior Alaska and the entire state. TVCC is a prominent part of Downtown Fairbanks; renovation will fulfill commitments to the Fairbanks community to improve the downtown environment and will revitalize a valuable capital asset. TVCC provides a convenient, student-friendly access point to UAF, especially for non-traditional students with work obligations, families, or commitments in downtown Fairbanks.
- Inadequacies of the existing structure are apparent. The building's mechanical and electrical systems date to the 1960s and the exterior skin provides poor insulation (R4) by today's standards. While significant improvements have been made to the TVCC 1st and 2nd floors, the 4th floor remains partially unfinished and the 3rd floor needs total renovation. Health, safety, and code concerns must be monitored continually in current circumstances to ensure safe occupation of the building.

UA-Fairbanks and Tanana Valley Campus Annual Capital
Renewal and Renovation Requirement

FY2009 Request: \$19,587,419
Reference No: 45644

AP/AL: Allocation

Project Type: Renewal and Replacement

Category: University

Location: Fairbanks Areawide

Contact: Pat Pitney

House District: Fairbanks Areawide (HD 7-11)

Contact Phone: (907)450-8191

Estimated Project Dates: 07/01/2008 - 06/30/2013

Appropriation: Maintaining Existing Facilities and Equipment Renewal and Renovation Annual Requirement

Brief Summary and Statement of Need:

UA-Fairbanks renewal and renovation (R&R) funding will be directed toward projects such as campus main sanitary waste line repairs and Arctic Health Research Building deferred renewal and Tanana Valley Campus' Barnette exterior envelope and space revitalization phase 2 of 3 and other high priority needs as funding allows.

Funding:	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
AK Cap Inc	\$19,587,419						\$19,587,419
Gen Fund		\$29,600,000	\$30,850,000	\$32,080,000	\$33,300,000	\$34,540,000	\$160,370,000
Total:	\$19,587,419	\$29,600,000	\$30,850,000	\$32,080,000	\$33,300,000	\$34,540,000	\$179,957,419

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☒ On-Going
0% = Minimum State Match % Required ☐ Amendment ☐ Mental Health Bill

Operating & Maintenance Costs:

	Amount	Staff
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

Prior funding: Maintaining Existing Facilities and Equipment (SLA 2006, Chapter 82, \$2.2M GF, \$24.7M Tobacco Settlement Bonds and \$3.3M in Receipt Authority)

Project Description/Justification:

UAF Fairbanks Campus Main Sanitary Waste Line Repairs

Much of the sewer main piping on Campus is original woodstave piping dating back nearly 60 years. These mains, though not at full capacity, have far exceeded their useable life. The project will replace several thousand feet of sewer main piping with new modern materials that will last much longer than 60 years.

UAF Arctic Health Research Building (AHRB) Deferred Renewal - Phase 2 of 4 for Initiative Programs

Built over 40 years ago, AHRB has an ever-increasing list of deferred renewal projects that are now affecting critical research and teaching in the building. Major renewal and renovation work must occur now to keep the building available for occupation and full use. Phase 1, funded in FY07, will complete a revitalization of the eastern wing of the building by January 2008. Phase 2 work will renovate portions of the building scheduled to be vacated in 2009 by the State of Alaska Public Health Lab and the recently vacated animal holding quarters. Renewal of the building is key to teaching the next generation of resource managers and agricultural scientists. Research conducted in the labs provides critical seed and weed data to farmers in Alaska, which is important to the sustainability of food production in the state. Fisheries research performed in the building, specifically connected to Alaskan coastal and Bering Sea regions, provides managers and fishermen significant information about the health and population of many harvested species. UAF is one of only a handful of institutions performing medical research on the cause, effects, and spread of the Avian Flu disease, all of it occurring in

**UA-Fairbanks and Tanana Valley Campus Annual Capital
Renewal and Renovation Requirement**

FY2009 Request: \$19,587,419
Reference No: 45644

the 45-year-old labs in the building.

JAF Tanana Valley Campus (TVC) 604 Barnette Exterior Envelope and Space Revitalization - Phase 2 of 3
TVC's 604 Barnette facility is in critical need of major systems upgrades to ensure the reliable, safe, and efficient delivery of programs focused on key Alaskan industries. The project replaces the aged mechanical and electrical systems within the old Fairbanks Courthouse, upgrades the exterior envelope, and completes seismic corrections, as well as revitalizes the interior spaces to meet TVC's rapidly expanding program needs.